

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

October

2006

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

November 15, 2006

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Two widespread rain events occurred across west central Texas during the first half of October. From October 9 through 10, large areas across the southern half of the hydrologic service area (HSA) received 0.50 to 1.50 inches of rain. A few isolated areas received two to four inches of rain. While lesser amounts were received across the Big Country, most of the region received at least 0.25 of an inch of rain.

From October 15 through 16, many areas across the Big Country received at least one inch of rain. Isolated areas located in the northern Big Country received two to four inches of rain. Across the remainder of HSA, widespread areas of 0.50 to 1.50 inches of rain fell. Isolated areas across the Heartland received two to three inches of rain.

On October 25 through 26, an upper level disturbance from northern Mexico set off light showers across west central Texas. Rainfall amounts were generally 0.25 of an inch or less. A few areas from the Heartland to the Northwest Hill Country received as much as one inch of rain.

Areas across the Big Country and Northwest Hill Country received normal to above normal rainfall for the month. Much of the remainder of the HSA received below normal rainfall. While the rains during the first half of the month benefited soil moisture and improved fall planting condition, surface water resources continue to suffer. Much of the area continued to experience severe drought conditions during the month of October.

The San Angelo Regional Airport received 2.21 inches of precipitation during October, which is 0.36 of an inch below normal for the month. The monthly normal rainfall for San Angelo in October is 2.57 inches. From January through October, San Angelo received 16.81 inches of rain. Normal rainfall for San Angelo during this period is 18.87 inches.

The Abilene Regional Airport received 1.43 inches of rain during October, which is 1.47 inches below normal for the month. The monthly normal rainfall for Abilene in October is 2.90 inches. From January through October, Abilene received 19.49 inches of rain. Normal rainfall for Abilene during this period is 21.21 inches.

Coop Observer Rainfall Totals for October, 2006:

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	1.78	Oak Creek Lake	1.34
Acton Ranch	M	Ozona	1.27
Albany	1.79	Ozona 22SE	1.91
Anson	1.54	Paint Rock	2.95
Ballinger 2NW	2.11	Putnam	1.92
Brady	3.14	Red Bluff Crossing	3.96
Brownwood	3.24	Richland Springs	3.05
Burkett	2.95	Robert Lee	1.17
Coleman	2.35	Roscoe	M
Concho Park	2.28	Rotan	2.64
Eden	2.15	San Angelo 15WNW	2.67
Eldorado	1.92	San Angelo WFO	2.14
Eldorado 10W	2.12	San Saba 7NW	3.13
Eldorado 12N	2.70	Silver Valley	3.75
Fort Griffin	1.69	Sonora	2.23
Fort McKavett	2.54	Stamford	2.09
Glen Cove	4.54	Sterling City	2.38
Hamlin	2.53	Sterling City 8NE	0.87
Haskell	4.06	Taylor Ranch	3.30
Hords Creek	2.34	Telegraph	M
Humble Pump	M	Throckmorton 7NE	3.64
Junction 4SSW	1.45	Water Valley	1.83
Lake Abilene 6WNW	1.59	Water Valley 11NE	2.60
Lawn	1.78	Winters	2.95
London 3N	2.68	Woodson	2.25
Mason	3.46		
Menard	2.73	(M) <i>Missing data</i>	
Merkel 12SW	2.49	(T) <i>Trace</i>	

Reservoir Conditions (end of October, 2006)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	41,130	59
Lake Stamford	52,700	34,800	67
Hubbard Creek Lake	317,800	156,180	49
Hords Creek Lake	8,800	4,820	59
Lake Brownwood	131,428	96,930	74
E.V. Spence	488,760	71,870	14
O.C. Fisher	119,200	8,350	7
O.H. Ivie	554,340	229,700	41
Twin Buttes	177,800	40,860	23

Hydro Products Issued

FFA = 2

FFW = 0

FFS = 0

FLS = 5 (Urban/Small Stream Advisory)

RVS = 0

FLW = 0

ESF = 3 (Drought Statement)